



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yasuyuki KIUCHI et al.

Application No.: 10/673,405

Filed: September 30, 2003

Docket No.: 116754

For: CHARGE-TRANSFER MATERIAL AND PROCESS FOR PRODUCING THE SAME,
ELECTRON-TRANSFER AGENT, PHOTORECEPTOR FOR
ELECTROPHOTOGRAPHY AND ORGANIC ELECTROLUMINESCENCE ELEMENT
USING SAID CHARGE-TRANSFER MATERIAL

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references 1-20 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. English-language Abstracts of the non-English language references 1-5 and 7 are attached hereto.

- ☒ 4. A computer-generated English translation of the following Japanese Patent Publications have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but have not been reviewed for accuracy. See References 1-2 and 3-4.

Respectfully submitted,



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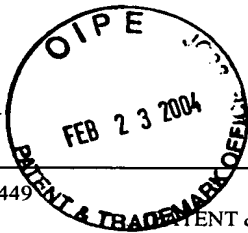
JAO:TJP/emt

Date: February 23, 2004

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Sheet 1 of 2

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116754		APPLICATION NO. 10/673,405	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Yasuyuki KIUCHI et al.			
				FILING DATE September 30, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP A 2000-226354 w/abstr. + trans.	08/15/2000	Japan			
	2	JP A 7-168377 w/abstr. + trans.	07/04/1995	Japan			
	3	JP A 55-53335 w/abstract	04/18/1980	Japan			
	4	JP A 9-136858 w/abstr. + trans.	05/27/1997	Japan			
	5	JP A 2001-342182 w/abstr. + trans.	12/11/2001	Japan			
	6	EP 0 115 136 A2	08/08/1984	Europe			
	7	WO99/01798 w/abstr.	01/14/1999	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	8	Hlavka et al., "The Partial Structure of LL-AV290† - A New Antibiotic," Tetrahedron Letters No. 2, pp. 175-178, 1974					
	9	Isomura et al., Studies on the Synthesis and Anti-inflammatory Activity of 2,6-Di- <i>tert</i> -butylphenols with a Heterocyclic Group at the 4-Position. IV. ¹⁾ Photo-Induced and Base-Catalyzed Oxygenation of 4-(3,5-Di- <i>tert</i> -butyl-4-hydroxyphenyl)-2-oxo-4-imidazolines," Journal of the Pharmaceutical Society of Japan, 104(8), pages 909-914, 1984					
	10	Wilson et al., "The Condensation of Dicarbonyl Compounds with <i>N</i> -Phenyltriazolinedione-Dienone Ylides Derived from Phenols: The Facile Preparation of Novel Quinone Methides," J. Am. Chem. Soc., 113, pp. 2301-2302, 1991					
	11	Said et al., "Chemistry of Phosphorus Ylides 17. Reactions with Phosphacumulenes X. The Behaviour of Phosphacumulenes Towards <i>o</i> - and <i>p</i> -Quinones. Facile Synthesis of Cyclobunetadione Derivatives," Phosphorus, Sulfur, and Silicon, 108, pp. 41-49, 1996					
	12	Itoh et al., "Synthesis and Polymerization of 7-Alkoxycarbonyl-7,8,8-tricyanoquinodimethanes and 7,7-Bis(alkoxycarbonyl)-8,8-dicyanoquinodimethanes," Tetrahedron 53(45), pp. 15247-15261, 1997					
	13	Sergediene et al., "Prooxidant toxicity of polyphenolic antioxidants to HL-60 cells: description of quantitative structure-activity relationships," FEBS Lett., 462, pp. 392-396, 1999					

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	14	Dangles et al., "One-electron oxidation of quercetin and quercetin derivatives in protic and non protic media," J. Chem. Soc., Perkin Trans. 2, (7), pp 1387-1395, 1999
	15	Pavlickova et al. "Solvatochromic Study of Internal Charge Transfer in 7,7-Disubstituted Quinone Methides," Colled., Czech Chem. Commun., 48, pp. 2376-2385, 1983
	16	Yokelson et al., "Oxidative Ring Opening and Rearrangement of an Anthroquinocyclopropene., Molecular Structure of a Novel Spiro-3-Furanone" Tetrahedron Lett., 34(35), pp. 5559-5562, 1993
	17	Lycka et al., "C-NMR Study of 7,7-Disubstituted Quinone Methides, Colled. Czech. Chem. Commun., 46, pp. 2083-2090, 1981
	18	Khodorkovsky et al., "Synthesis and Properties of a Novel Electronic Acceptor Derived from <i>p</i> -Benzoquinone," Tetrahedron Lett., 40(26), pp. 4851-4854, 1999
	19	Zhou et al., "Electron transfer reactions of extended <i>o</i> -, <i>p</i> -quinones-voltammetric and EPR/ENDOR spectroscopic investigations," J. Chem. Soc., Perkins Trans. 2, pp. 343 -348, 1998
	20	Schulz et al., "Free Radical Reactions of N-Heterocyclic Compounds. XI. Reaction of 3-Methyl-pyrazolin-5-ones with Phenoxy Radicals," J. parkt. Chem., 335, pp. 607-615, 1993,"
EXAMINER		DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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